Form 3160-3 (August 1999)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No

UTU-01791 6. If Indian, Allottee or Tribe Name

APPLICATION FOR	PERMIT TO DRILL	OR REENTER
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APPLICATION FOR PERMIT TO	DRILL OR REENTER		7. If Unit or CA Agreemen	t. Name and No.
1a. Type of Work: X DRILL REE	Type of Work: X DRILL REENTER			
b. Type of Well: Oil Well a Gas Well Other	Single Zone	Multiple Zone	8. Lease Name and Well N NBU 1021-6C	
3A. Address	3b. Phone No. (include area of (435) 781-7024		43 - 60 10. Field and Pool, or Expl NATURAL BUTTES 11. Sec., T., R., M., or Blk.	oratory
At surface NENW LOT 3, 460'FNL, 1872'FWL At proposed prod. Zone	44265964 -11	99.982942 99.597 <u>479</u>	SEC 6, T10S, R21E 12. County or Parish UINTAH	13. State
12 MILES SOUTHEAST OF OURAY, UTAH  15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in lease 2163.61	40.00	edicated to this well	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  REFER TO TOPO C	9920'	20. BLM/BIA Boi CO-1203	23. Estimated duration	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4964'GL	22. Approximate date work UPON APPROVAL		TO BE DETERMINE	D
	24. Attachments		his form:	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized office.

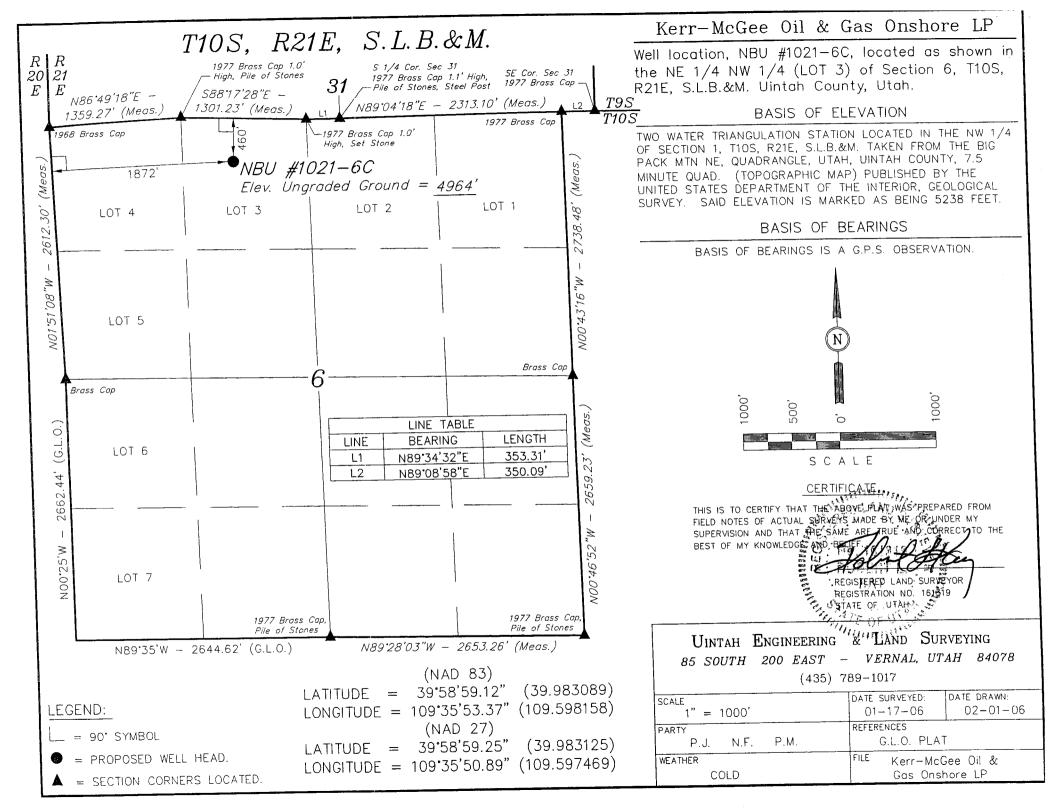
	authorized office.	
25. Signature Mandella	Name (Printed/Typed)   SHEILA UPCHEGO	Date 3/23/2006
REGULATORY ANALYST Approved by (Figure 1)	Name (Printed/Typed)  BRADLFY G. HILL  Officenvironmental manager	Date 04-06-06
Title		high would entitle the applicant to conduct

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

<sup>\*(</sup>Instructions on reverse)



### NBU #1021-6C NENW Lot 3, Sec. 6, T10S,R21E UINTAH COUNTY, UTAH UTU-01791

### ONSHORE ORDER NO. 1

### DRILLING PROGRAM

### 1. Estimated Tops of Important Geologic Markers:

Formation	<u>Depth</u>
Uinta Green River Mahogany Wasatch Mesaverde MVU2 MVL1 TD	0- Surface 1580' 2357' 4826' 7889' 8737' 9315' 9920'

# 2. <u>Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations</u>:

Substance	<u>Formation</u>	<u>Depth</u>
Gas Gas Gas Gas Water Other Minerals	Green River Mahogany Wasatch Mesaverde MVU2 MVL1 N/A N/A	1580° 2357° 4826° 7889° 8737° 9315°

### 3. Pressure Control Equipment (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

### 4. <u>Proposed Casing & Cementing Program:</u>

Please see the Natural Buttes Unit SOP.

### 5. <u>Drilling Fluids Program</u>:

Please see the Natural Buttes Unit SOP.

### 6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

### 7. <u>Abnormal Conditions</u>:

Maximum anticipated bottomhole pressure calculated at 9920' TD, approximately equals 6150 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3968 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

### 8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

#### 9. Variances:

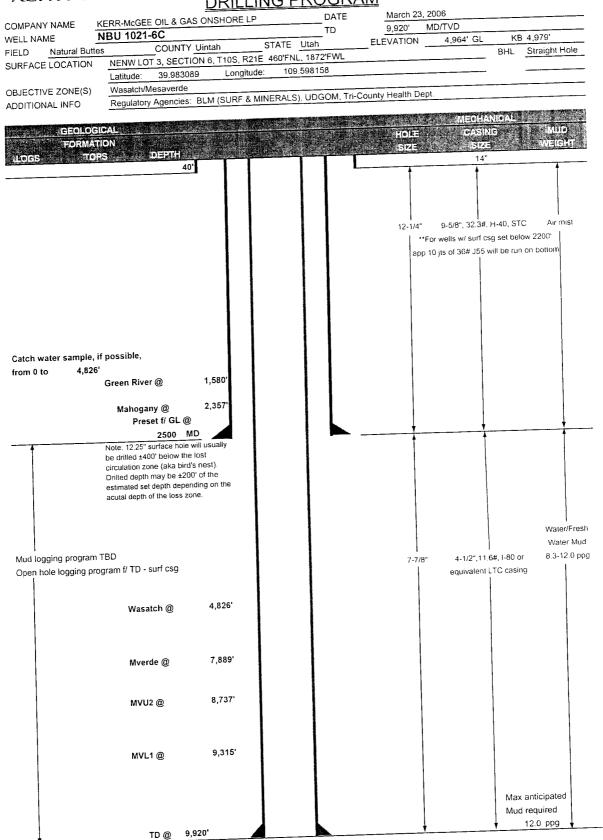
Please see Natural Buttes Unit SOP.

### 10. Other Information:

Please see Natural Buttes Unit SOP.



### KERR-McGEE OIL & GAS ONSHORE LP DRILLING PROGRAM





### KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

#### CASING PROGRAM

CASING PROGRAM									EsigN FA	ORS
	S172=		VTERV#	14	WIT.	⊕ GR	epto.	BURST	onista; sie	TENSION
CONDUCTOR	14"		0-40'					2270	1370	254000
CUDEACE	9-5/8"	0	to	2100	32.30	H-40	STC	0.57******		3.59
SURFACE	9-5/0	-						3520	2020	564000
	9-5/8"	2100	to	2500	36.00	J-55	STC	1.11******* 7780	1.73 6350	7.98 201000
PRODUCTION	4-1/2"	0	to	9920	11.60	1-80	LTC	1.94	1.03	2.00
						-				

<sup>1)</sup> Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

(Burst Assumptions: TD = 12.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing Buoy. Fact. of water)

4008 psi

MASP 4000 psi

Burst SF is low but csg is stronger than formation at 2500 feet

EMW @ 2500 for 2270# is 17.5 ppg or 0.9 psi/ft

#### CEMENT PROGRAM

				Total Control	and the same of the	. Welgin	(Elaa
		FIFEFFILL	DESCRIPTION	257.001.00	(E) (44/E210)	15.60	1.18
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.10
Option 1			+ .25 pps flocele				
Option 1	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt	100		15.60	1.18
	,,,,		+ 2% CaCl + .25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	, , ,		NOTE: If well will circulate water to surface	e, option 2	2 will be uti	lized	
	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite	230	35%	11.00	3.82
Option 2	ELAD	2000	+.25 pps Flocele + 3% salt BWOC				
	TAIL	TAIL 500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
	17.2		+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
	101 001 0111	as required					
DOODUCTIO	N LEAD	4,320'	Premium Lite II + 3% KCI + 0.25 pps	470	60%	11.00	3.38
PRODUCTIO	JIV LEND	,,525	celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	5,600'	50/50 Poz/G + 10% salt + 2% gel	1570	60%	14.30	1.31
	IAIL	3,300	+.1% R-3	<u> </u>			

<sup>\*</sup>Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

#### FLOAT EQUIPMENT & CENTRALIZERS

	On the Free Start 2 injects with how spring	
SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring	
	centralizers. Thread lock guide shoe.	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow	
1,020011011	spring centralizers.	

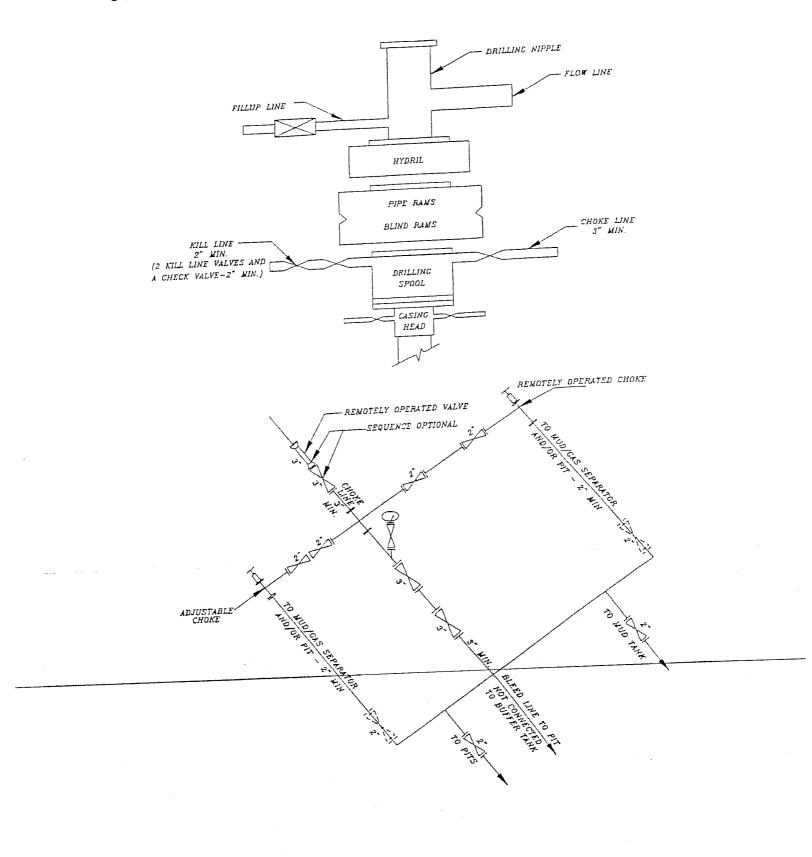
#### ADDITIONAL INFORMATION

	DE: 442 CM with one 200	ular and 2 rams. Test	urface casing to 1,500 psi prior to drilling out. to 5,000 psi (annular to 2,500 psi) prior to drilling	out. Record on chart recorder &
tou	r sheet. Function test ram	ns on each trip. Maint	ain safety valve & inside BOP on rig floor at all tim	es. Kelly to be equipped with upper
	ower kelly valves.			
Dro	op Totco surveys every 20	00'. Maximum allowa	ble hole angle is 5 degrees.	
Мо	st rigs have PVT Systems	for mud monitoring. I	f no PVT is available, visual monitoring will be utili	ized.
NG FN	NGINEER:			DATE:
.O L.	1011122111	Brad Laney		
LING SUPERINTENDENT:	JPERINTENDENT:			DATE:
,,,,,		Randy Bayne	NBU1021-6C APD 2200' + xls	

<sup>2)</sup> MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

<sup>\*</sup>Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



### NBU 1021-6C NENW Lot 3, SEC 6-T10S-R21E UINTAH COUNTY, UTAH UTU-01791

### **ONSHORE ORDER NO. 1**

### MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU 1021-6C on 03/01/06 for the subject well.

### 1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

### 2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 0.1 +/- miles of new access road is proposed. Refer to Topo Map B.

### 3. <u>Location of Existing Wells Within a 1-Mile Radius</u>:

Please refer to Topo Map C.

### 4. <u>Location of Existing & Proposed Facilities</u>:

Please see the Natural Buttes Unit SOP.

Refer to Topo Map D for the location of the proposed pipelines.

### Variances to Best Management Practices (BMPs) Requested:

Approximately 474' +/- of 4" pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

### 5. <u>Location and Type of Water Supply:</u>

Please see the Natural Buttes SOP.

### 6. Source of Construction Materials:

Please see the Natural Buttes SOP.

### 7. Methods of Handling Waste Materials:

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

### 8. Ancillary Facilities:

Please see the Natural Buttes SOP.

### 9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 20 mil reserve pit liner with felt will be used.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

### 10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Crested Wheat Grass 4 lbs.

Needle and Thread Grass 4 lbs.

Indian Rice Grass 4 lbs.

Operator shall call the BLM for the seed mixture when final reclamation occurs.

### 11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

### 12. Stipulations:

### Wildlife Stipulations:

**ANTELOPE STIPULATIONS:** No construction or drilling from May 15<sup>th</sup> through June 20<sup>th</sup>.

### 13. Other Information:

A Class III archaeological survey and a paleontological survey have been performed and will be filed when received.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

### 13. <u>Lessee's or Operator's Representative & Certification</u>:

Sheila Upchego Regulatory Analyst Kerr-McGee Oil & Gas Onshore LP 1368 South 1200 East Vernal, UT 84078 (435) 781-7024 Randy Bayne Drilling Manager Kerr-McGee Oil & Gas Onshore LP 1368 South 1200 East Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bold #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Shaila Unchego

Date

# Kerr-McGee Oil & Gas Onshore LP NBU #1021-6C SECTION 6, T10S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 3.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE RIGHT AND PROCEED IN A SOUTHEASTERLY SOUTHEAST: TURN DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED NORTHWESTERLY **THEN** SOUTHWESTERLY, IN APPROXIMATELY 0.6 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 43.0 MILES.

### Kerr-McGee Oil & Gas Onshore LP

NBU #1021-6C LOCATED IN UINTAH COUNTY, UTAH SECTION 6, T10S, R21E, S.L.B.&M.

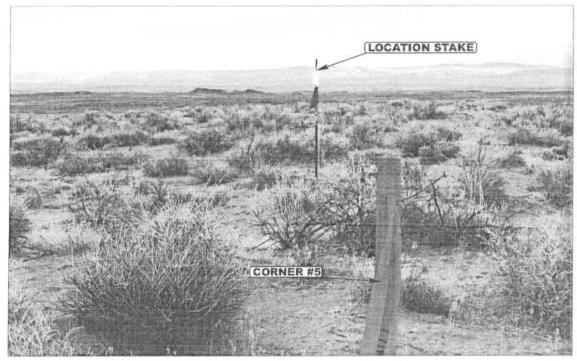


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY

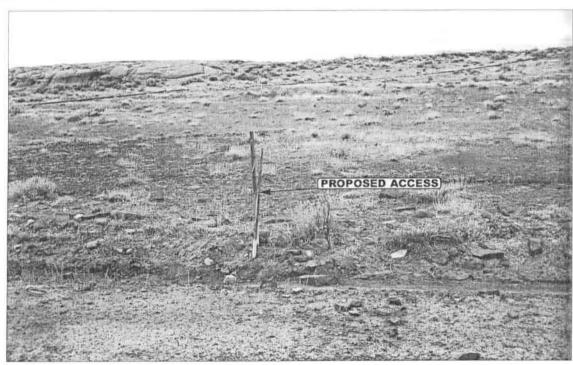


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

**CAMERA ANGLE: NORTHERLY** 



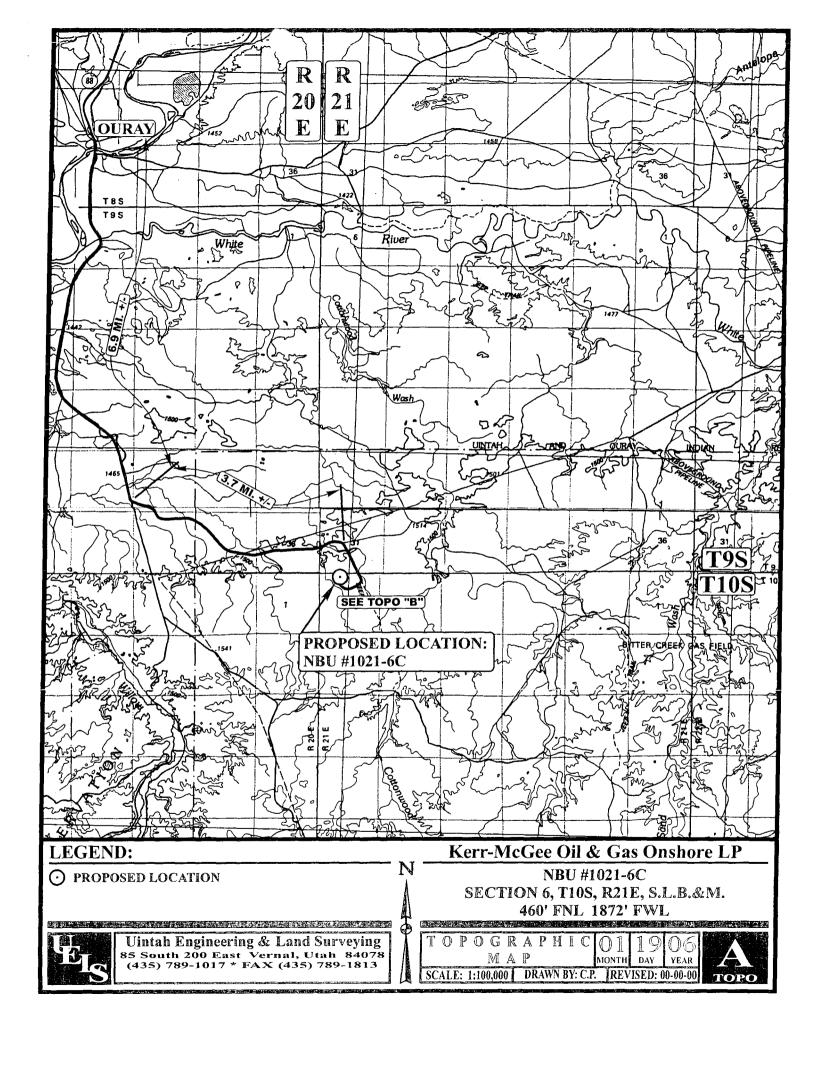
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

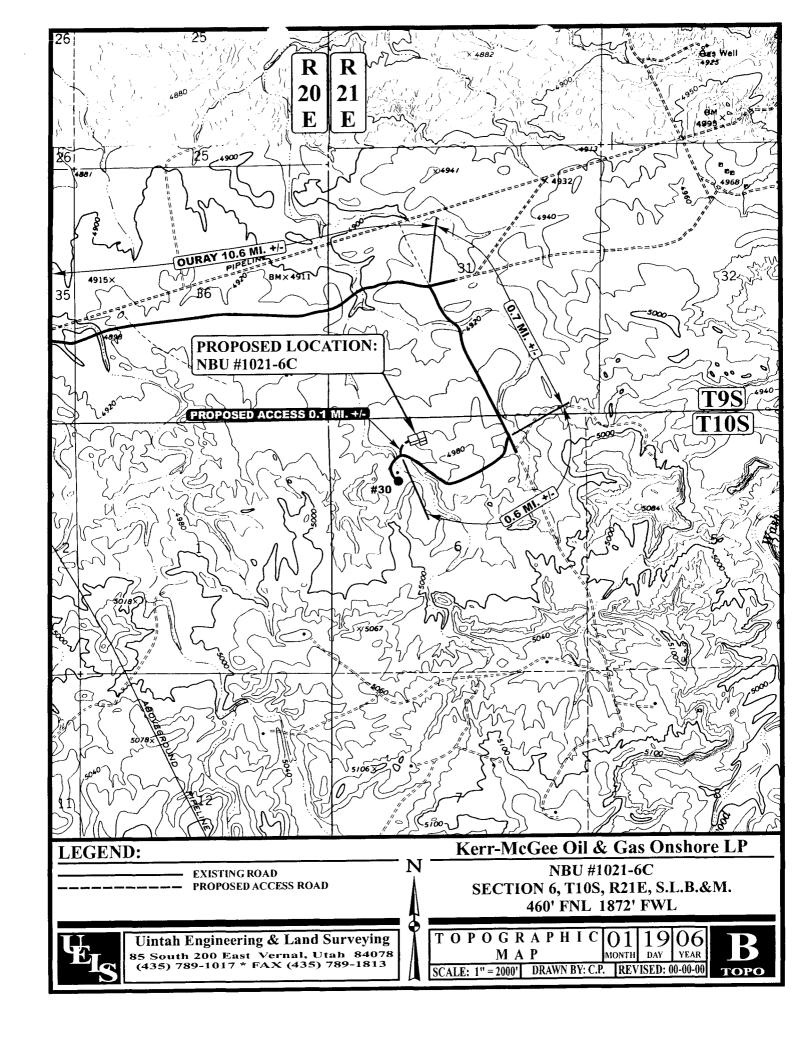
LOCATION PHOTOS

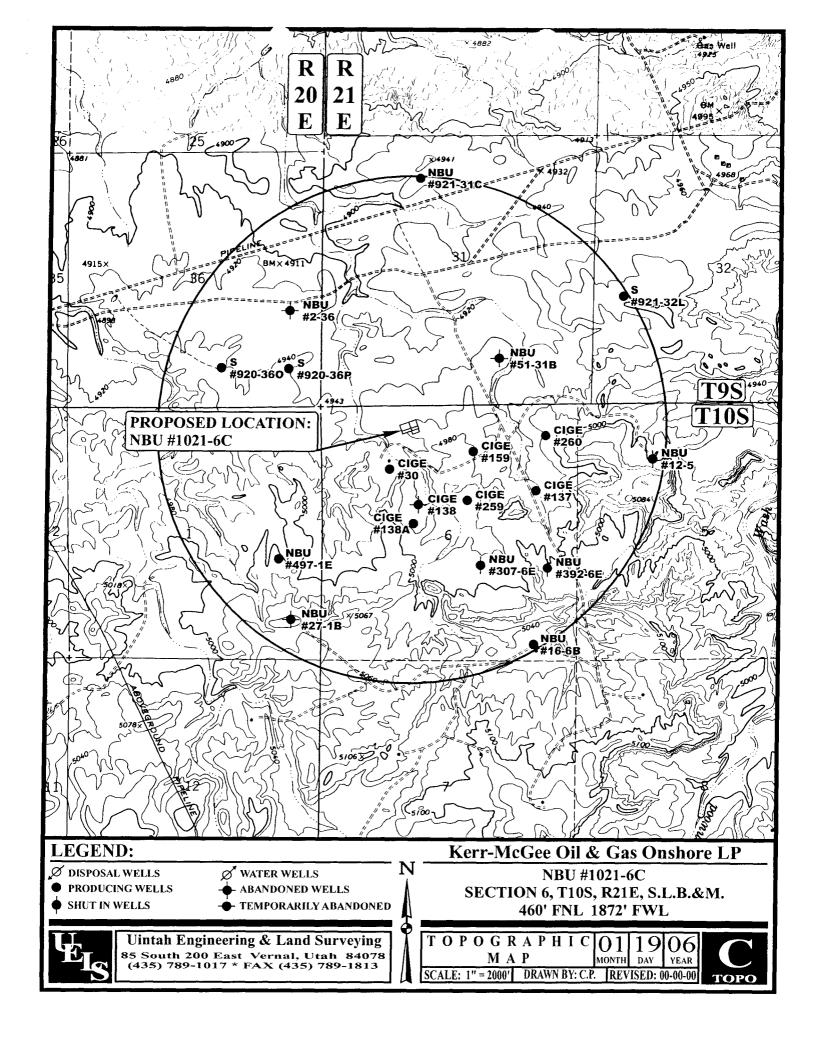
01 19 06 MONTH DAY YEAR

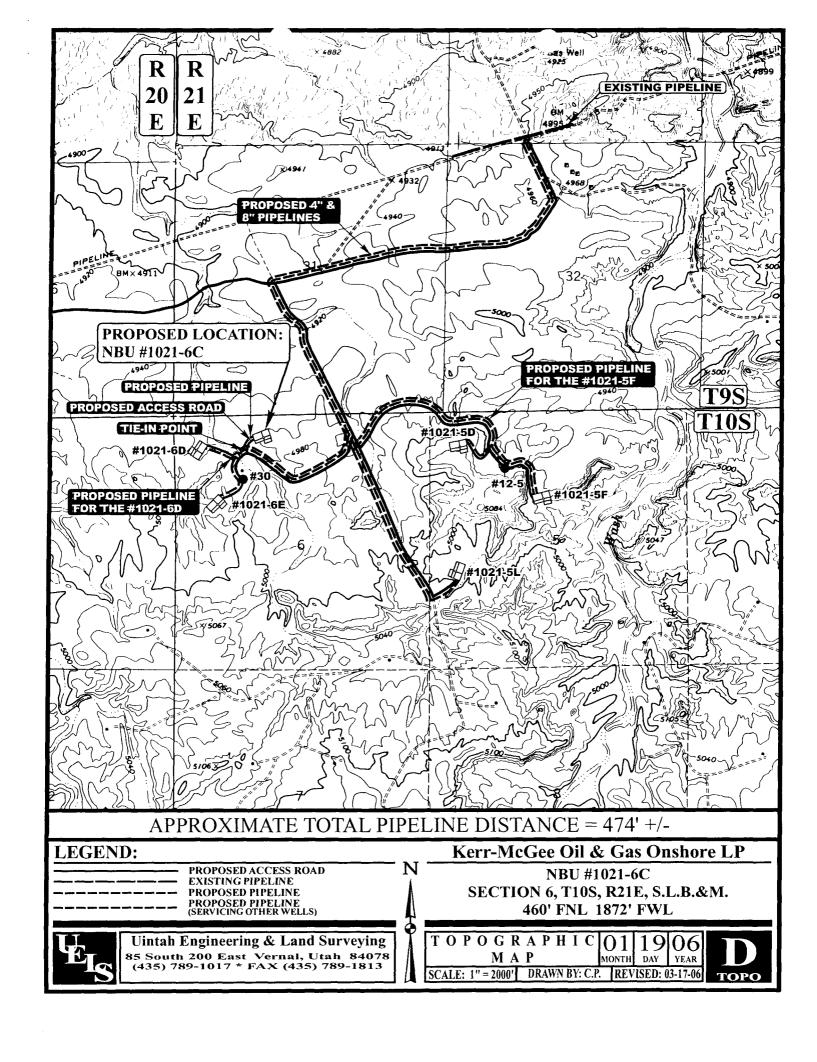
**РНОТО** 

TAKEN BY: P.J. | DRAWN BY: C.P. | REVISED: 00-00-00









### Kerr-McGee Oil & Gas Onshore LP

NBU #1021-6C

PIPELINE ALIGNMENT LOCATED IN UINTAH COUNTY, UTAH SECTION 6, T10S, R21E, S.L.B.&M.

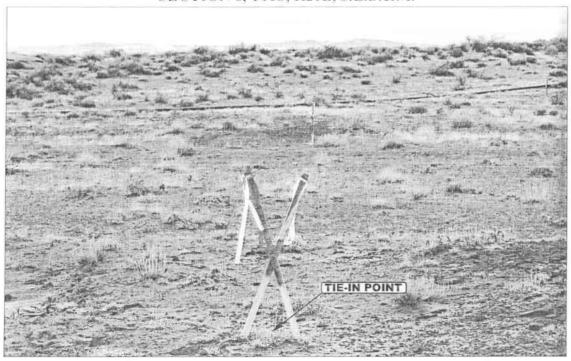


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: NORTHERLY

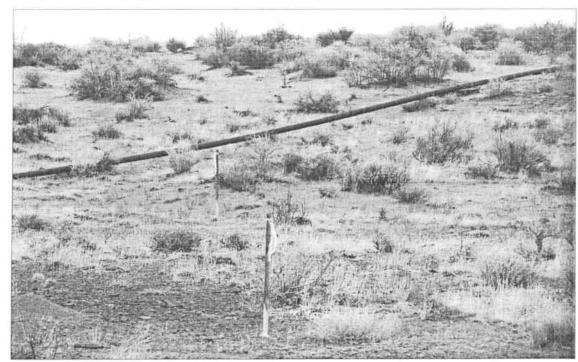


PHOTO: VIEW OF PIPELINE ALIGNMENT

CAMERA ANGLE: NORTHERLY



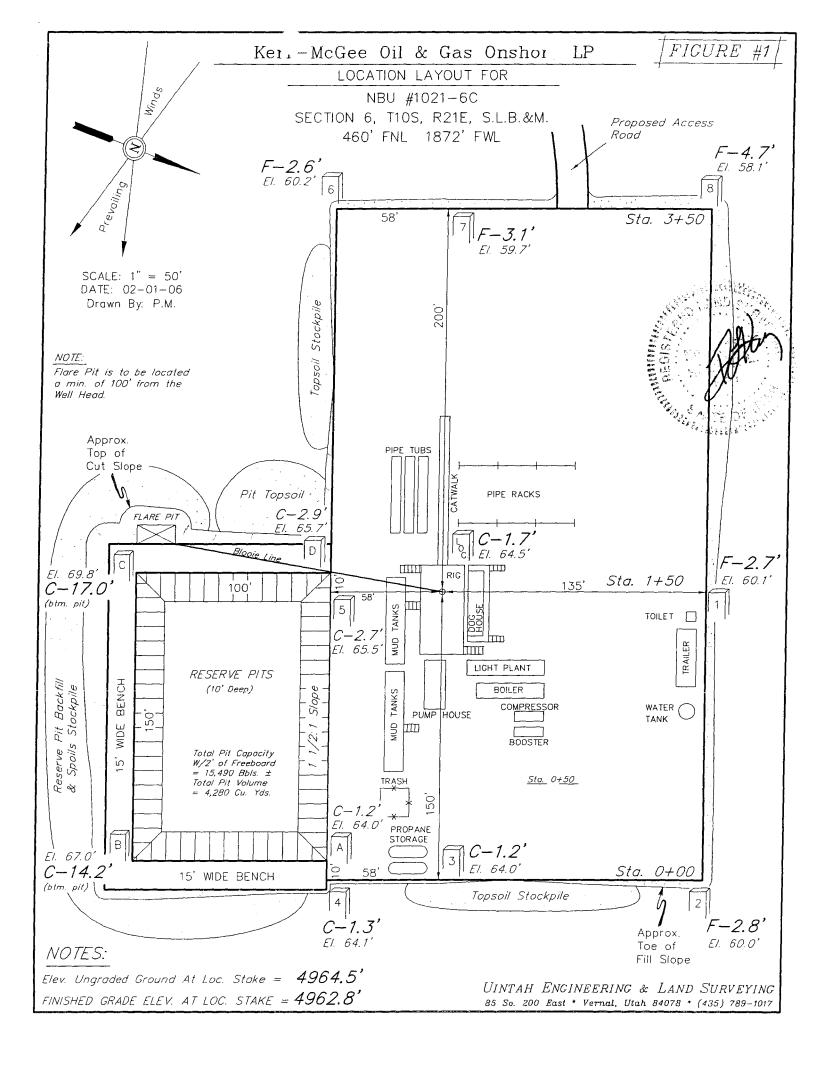
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

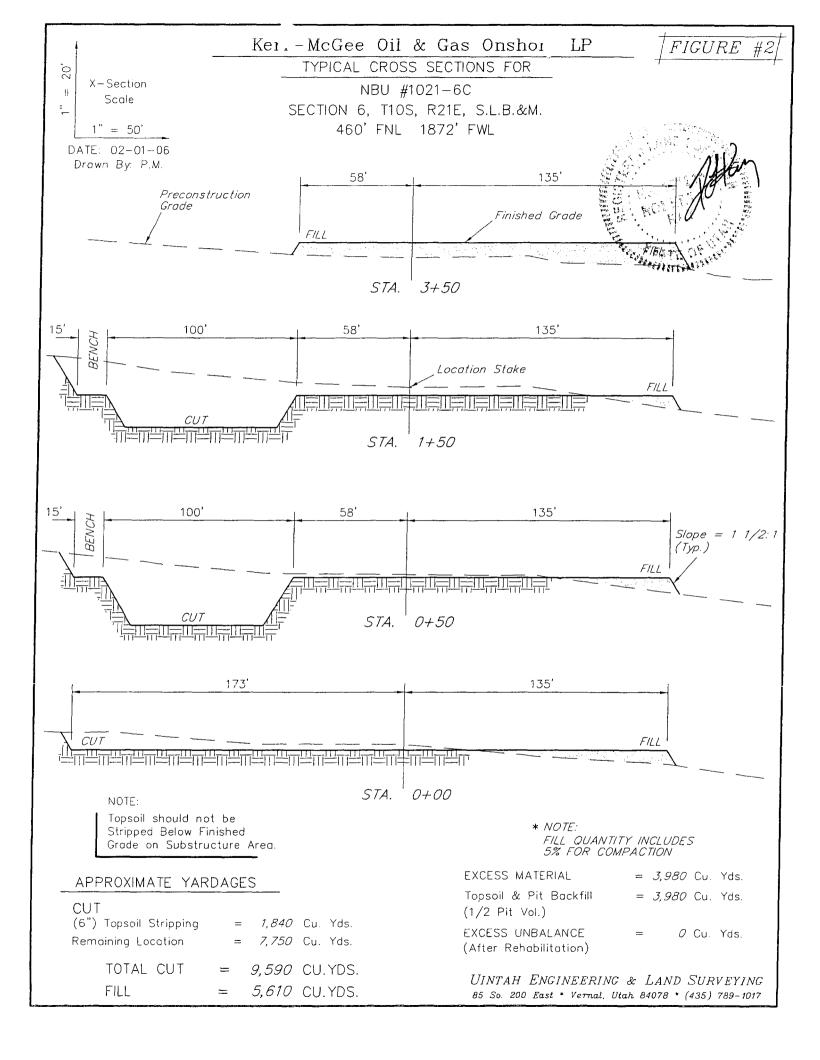
PIPELINE PHOTOS

O1 19 06 MONTH DAY YEAR

РНОТО

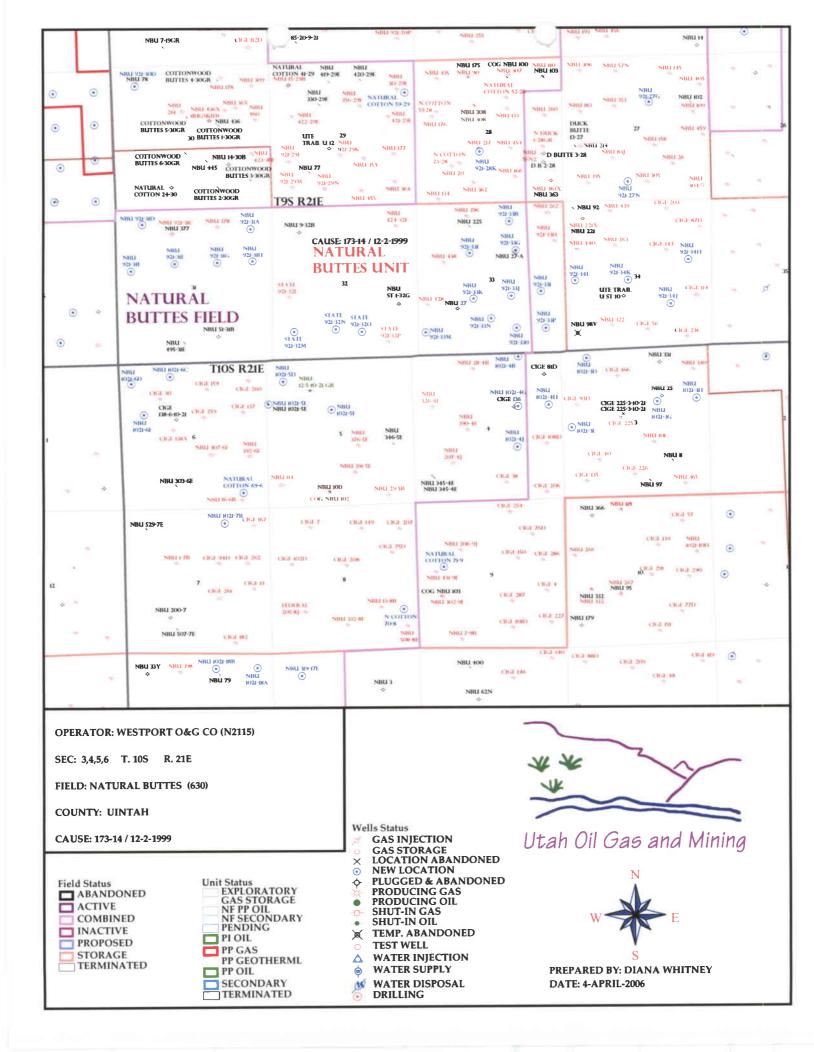
TAKEN BY: P.J. DRAWN BY: C.P. REVISED: 00-00-00





## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/29/2006	API NO. ASSIGNED: 43-047-37968				
WELL NAME: NBU 1021-6C					
OPERATOR: WESTPORT OIL & GAS CO ( N2115 )	PHONE NUMBER: 435-781-7024				
CONTACT: SHEILA UPCHEGO					
PROPOSED LOCATION:	INSPECT LOCATN BY: / /				
NENW 06 100S 210E SURFACE: 0460 FNL 1872 FWL	Tech Review Initials Date				
BOTTOM: 0460 FNL 1872 FWL	Engineering				
COUNTY: UINTAH	Geology				
LATITUDE: 39.98294 LONGITUDE: -109.5975	Surface				
UTM SURF EASTINGS: 619754 NORTHINGS: 44265 FIELD NAME: NATURAL BUTTES ( 630					
LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-01791  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO				
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:				
	R649-2-3.				
Bond: Fed[1] Ind[] Sta[] Fee[]	Unit: NATURAL BUTTES				
(No. <u>CO-1203</u> )	R649-3-2. General				
	Siting: 460 From Qtr/Qtr & 920' Between Wells				
Water Permit	R649-3-3. Exception				
(No. 43-8496 )	Drilling Unit				
N RDCC Review (Y/N)					
(Date:)	Board Cause No: 173.14 Eff Date: 12.299				
AUN Fee Surf Agreement (Y/N)	Siting: 440 h 4 hary & uncomme Tre				
<u>rin</u> Intent to Commingle (Y/N)	R649-3-11. Directional Drill				
COMMENTS: Sp. Seperate Su					
STIPULATIONS: 1- CHILD Approve (2- On SHALE					



### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

April 4, 2006

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

#### (Proposed PZ Wasatch/MesaVerde)

```
43-047-37960 NBU 1021-4G Sec 03 T10S R21E 1960 FNL 1924 FEL 43-047-37961 NBU 1021-4B Sec 04 T10S R21E 1941 FNL 1606 FEL 43-047-37962 NBU 1021-4H Sec 04 T10S R21E 1925 FNL 0496 FEL 43-047-37964 NBU 1021-5F Sec 05 T10S R21E 1925 FNL 0496 FEL 43-047-37966 NBU 1021-5D Sec 05 T10S R21E 1808 FNL 2338 FWL 43-047-37966 NBU 1021-6D Sec 06 T10S R21E 1825 FNL 0880 FWL 43-047-37968 NBU 1021-6C Sec 06 T10S R21E 0697 FNL 0464 FWL 43-047-37956 NBU 921-27N Sec 37 T09S R21E 0705 FSL 2310 FWL 43-047-37953 NBU 921-34J Sec 34 T09S R21E 1623 FSL 1500 FEL 43-047-37954 NBU 922-31N Sec 31 T09S R22E 0914 FSL 1446 FEL 43-047-37955 NBU 922-32N Sec 32 T09S R22E 0600 FSL 1810 FWL
```

Our records indicate the NBU 921-33M is closer than 460 feet from uncommitted lands with the Natural Buttes Unit.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard



#### State of Utah

### Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

### Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > April 6, 2006

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, UT 84078

Re: Natural Buttes Unit 1021-6C Well, 460' FNL, 1872' FWL, NE NW, Sec. 6, T. 10 South, R. 21 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seg., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37968.

Sincerely,

Gil Hunt Associate Director

Still H

pab **Enclosures** 

**Uintah County Assessor** cc:

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company, LP	
Well Name & Number	Natural Buttes Unit 1021-6C	
API Number:	43-047-37968	
Lease:	UTU-01791	

Location: NE NW Sec. 6 T. 10 South R. 21 East

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

### X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, e	effective:			1/6/2006		
FROM: (Old Operator):		TO: ( New O	perator):			
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-M		. Gas Onsho	re, LP	
1368 South 1200 East		1368 S	outh 1200	East		
Vernal, UT 84078		Vernal, UT 84078				
Phone: 1-(435) 781-7024		Phone: 1-(435)	781-7024			
CA No.		Unit:	N	ATURAL I	BUTTES	UNIT
WELL NAME SEC	TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
	**.		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION	ON					
Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation was rece	eived from the	FORMER ope	erator on:	5/10/2006	i	
2. (R649-8-10) Sundry or legal documentation was rece	eived from the	NEW operator	on:	5/10/2006	5	
3. The new company was checked on the <b>Department</b>	of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah:		Business Numb	-	1355743-01		
4b. If <b>NO</b> , the operator was contacted contacted on:		-			-	
5a. (R649-9-2)Waste Management Plan has been received	d on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete or		n/a	3 LA wells	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundrie		ok	•			
6. Federal and Indian Lease Wells: The BLM	I and or the I	BIA has appro	ved the n	nerger, nai	ne chan	ge,
or operator change for all wells listed on Federal or I	ndian leases o	on:	BLM	3/27/2006	BIA	not yet
7. Federal and Indian Units:						
The BLM or BIA has approved the successor of un	it operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agr	eements ("	CA"):				
The BLM or BIA has approved the operator for all				n/a		
9. Underground Injection Control ("UIC")	The D	ivision has appro	oved UIC F	orm 5, Trai	sfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/pro	ject for the wa	ater disposal we	ll(s) listed o	n:		
DATA ENTRY:						
1. Changes entered in the Oil and Gas Database on:		5/15/2006	_			
2. Changes have been entered on the Monthly Operator	or Change Sp			5/15/2006	_	
3. Bond information entered in RBDMS on:		5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:		5/16/2006	-			
<ul><li>5. Injection Projects to new operator in RBDMS on:</li><li>6. Receipt of Acceptance of Drilling Procedures for AP</li></ul>	D/New on:	-	n/a	Name Char	ace Only	
BOND VERIFICATION:	D/INCW OII.		11/4	Name Cha	ige Omy	
		CO1203				
<ol> <li>Federal well(s) covered by Bond Number:</li> <li>Indian well(s) covered by Bond Number:</li> </ol>		RLB0005239	-			
3. (R649-3-1) The <b>NEW</b> operator of any fee well(s) list	ted covered by		-	RLB000523	6	
	-					
a. The <b>FORMER</b> operator has requested a release of liability from their bond on:n/a rider added KMG  The Division sent response by letter on:						
LEASE INTEREST OWNER NOTIFICATI	ON·		-			
4. (R649-2-10) The <b>FORMER</b> operator of the fee wells		acted and infor	ned hv a let	ter from the	Division	
of their responsibility to notify all interest owners of t			5/16/2006		D14191011	
COMMENTS:	5- 311					

Form 3 160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5.	Lease	Serial	No.

SUNDRY Do not use this abandoned well.	MULTIPLE LEASES  6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPI	LICATE – Other instr	uctions on reverse sid	7. If Unit or CA/Agreement, Name and/or No.
I. Type of Well	_		
Oil Well X Gas Well	☐ Other		8. Well Name and No.
2. Name of Operator			MUTIPLE WELLS
KERR-McGEE OIL & GAS	ONSHORE LP		9. API Well No.
3a. Address		3b. Phone No. (include area	code)
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024			10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descript		
SEE ATTACHED			11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATURE OF NO	OTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION
Notice of Intent	Acidize Alter Casing		roduction (Start/Resume) Water Shut-Off
Subsequent Report	Casing Repair Change Plans	New Construction F	decomplete
Final Abandonment Notice	Convert to Injection	Plug Back	emporarily Abandon OPERATOR  Vater Disposal
13. Describe Proposed or Completed Op  If the proposal is to deepen direction	erations (clearly state all pertiner nally or recomplete horizontally,	nt details, including estimated starting give subsurface locations and measur	g date of any proposed work and approximate duration thereof, red and true vertical depths of all pertinent markers and zones.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS DESPONSIBLE LINDER TERMS AND CONSIDERED.

RECEIVED

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE

BIM BOND = CDI202

MAY 1 0 2006

IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

DIV. OF OIL, GAS & MINING

<ol> <li>I hereby certify that the foregoing is true and corn Name (Printed/Typed)</li> <li>FANDY BAYNE</li> </ol>	Title Earlene Ri	lene Russell  16 Oil, Gas and Mining  18 Ussell, Engineering Technician
Signature / Sayne	Date <b>May</b> 9, 2006	
	THIS SPACE FOR FEDERAL OR STATE L	JSE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to those which would entile the applicant to conduct operations thereo	rights in the subject lease	3076

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

### MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)				6. If Indiar	, Allottee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other instru	ctions o	n reverse	e side	7. If Unit o	or CA/Agreement, Name and/or No.
I. Type of Well						
Oil Well X Gas Well	Other				8. Well Na	me and No.
2. Name of Operator					MUTIPL	.E WELLS
WESTPORT OIL & GAS CO	DMPANY L.P.				9. API Wel	l No.
3a. Address		3b. Phon	e No. (includ	le area d	code)	
1368 SOUTH 1200 EAST V		(435) 78	1-7024		10. Field and	Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)				
055 47740450					11. County of	or Parish, State
SEE ATTACHED					UINTAH	COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE	NATURE (	OF NO	TICE, REPORT, OR	OTHER DATA
TYPE OF SUBMISSION			TYP	E OF A	ACTION	
Notice of Intent	Acidize	Deepen		☐ Pr	oduction (Start/Resume	) Water Shut-Off
_	Alter Casing	Fractur			eclamation	Well Integrity
Subsequent Report	Casing Repair		onstruction		complete	Other CHANGE OF
Final Abandonment Notice	Change Plans Convert to Injection	_	d Abandon		emporarily Abandon	OPERATOR
13. Describe Proposed or Completed Open	-	Plug Ba		_	ater Disposal	
Attach the Bond under which the wolfollowing completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TONSHORE LP.	operations. If the operation resulted and on the file at inspection.  DO6, WESTPORT OIL 8 THE ATTACHED WELL	is in a multip d only after a & GAS CC LOCATIO	OMPANY	L.P., I	npletion in a new interva ling reclamation, have be HAS RELINQUISI -McGEE OIL & G	I, a Form 3160-4 shall be filed once ten completed, and the operator has
	APPR	OVED	51	161	06	RECEIVED
	<u>Ca</u>	rlove	Russ	ıll		— <del>—</del>
	Division	of Oil, G	es and Mi	ining		MAY 1 0 2006
	Dariene I	Kussell, E	ngineerin	g Tect	<b>hnician</b>	NIV OF OUR OAR RAMMING
14. I hereby certify that the foregoing	g is true and correct					DIV_OF OIL_GAS & MINING
Name (Printed/Typed)		Title				
BRAD LANEY Signature			IEERING	SPEC	CIALIST	
orginature .		Date May 9,	2006			
	THIS SPACE			TATE U	JSE	
Approved by			itle		Date	
Olack January					5-9	7-06
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	table title to those rights in the subj	ect lease	ffice		¥ 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and v matter withi	villfully to m n its jurisdict	nake to a tion.	any department or ager	ncy of the United States any



### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

#### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

#### Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



### United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

#### Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

#### Enclosure

Approval letter from BLM COSO (2 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

# RECEIVED

DEC - 1 2005

Form 3160-3					FORM APP	
(August 1999)		ree			OMB No. 10 Expires Novem	
UNITED STATES DEPARTMENT OF THE INTERIOR					5. Lease Serial No.	
	U-01393-D					
BUR	EAU OF LAND MAI	NAGEMENT			6. If Indian, Allottee or 3	
APPLICATION FO	R PERMIT T	O DRIL	L OR REEN	TER	o. ii iiidian, . mottee o	, is traine
1a. Type of Work: X DRILL	RE	ENTER			7. If Unit or CA Agreem	ent, Name and No.
_					Natural But	
	🗀 😁		0: 1: 7: -	Multiple Zone	8. Lease Name and Well	
b. Type of Well: Oil Well Gas Cas Cas Cas Cas Cas Cas Cas Cas Cas C	Well Other		Single Zone	Multiple Zone	NBU #10 9. API Well No.	21-3E
KERR MCGEE OIL AND GAS ONS	HORE LP				43-047.37	19108
3A. Address		3b. Phone N	io. (include area c	ode)	10. Field and Pool, or Ex	ploratory
1368 SOUTH 1200 EAST, VERNAL	, UTAH 84078		(435) 781-	7003	Natural B	
4. Location of Well (Report location clearly a	nd in accordance with	any State red	quirements.*)		11. Sec., T., R., M., or Bl	k, and Survey or Area
At surface SWNW 1520' FNL 6	5' FWL				0 5 7010	C DOIE
At proposed prod. Zone					Sec. 5, T10	<del></del>
14. Distance in miles and direction from neare	st town or post office*	*			12. County or Parish Uintah	13. State UT
11.9 Miles Southeast of Ouray, UT  15. Distance from proposed*		16 No of	Acres in lease	17. Spacing Unit de		
location to nearest	65'	10. No. 01.	Acres in lease	17. Spacing our de	dicated to this wen	
property or lease line, ft. (Also to nearest drig, unit line, if any)	0.5		562.5		40	
18. Distance from proposed location* to nearest well, drilling, completed,	Refer to	19. Propose		20. BLM/BIA Bond		
to nearest well, drilling, completed, applied for, on this lease, ft.	Topo C	1	9650'		<del>со-1203</del> Шү	12357
21. Elevations (Show whether DF, KDB, RT, C	GL, etc.)	22. Approx	imate date work w	ill start*	23. Estimated duration	
5007' GL			Upon Appı	oval	To Be Determined	
		24. /	Attachments			
The following, completed in accordance with the	he requirements of On	shore Oil and	l Gas Order No. 1,	shall be attached to the	is form:	
1. Well plat certified by a registered surveyor.			4. Bond to co	over the operations un	iless covered by an existing	bond on file (see
2. A Drilling Plan.			Item 20 ab	oove).		
3. A Surface Use Plan (if the location is on Na	tional Forest System I	ands, the	5. Operator co	ertification.		
SUPO shall be filed with the appropriate Fo		,	1		on and/or plans as may be re	quired by the
SOFO shall be filed with the appropriate to	rest betwice office.		authorized	-	,	, ,
25 /Signature	- 4	Na	me (Printed/Typed	)	Date	>
Kamers Hou	$\mathcal{M}$	1		RAMEY HOOPE	s <u> </u>	4/13/2006
Title	7	REGUL	ATORY CLEF	RK		
Approved by Agnature			me (Printed/Typea		Date	
			JERRY KE	ENCEKA	8	- 2-2066
Title		Off				
Assistant Field Manag	er ·····	 	VERNAL	FIELD OFF	ice	
Application approval does not warrant or certif	y that the applicant ho	olds legal or e	equitable title to the	ose rights in the subjec	t lease which would entitle t	he applicant to conduct
operations thereon.						
Conditions of approval, if any, are attached.						
Title 18 U.S.C. Section 1001 and Title 43 U.S.C	C. Section 1212, make	it a crime for	r any person know	ingly and willfully to r	nake to any department or a	gency of the United
States any false, fictitious or fraudulent stateme	ents or representations	as to any ma	tter within its juris	diction.		
*(Instructions on reverse)					RECEI	VED

UDOGN

Oil, Gee and Mining

AUG 1 0 2006

DIV. OF OIL, GAS & MINING



### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

**VERNAL FIELD OFFICE** 

**VERNAL, UT 84078** 

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Location: **SWNW, Sec 5, T10S, R21E** Company: Kerr-McGee Onshore O&G LP

Lease No: UTU-01393-D Well No: NBU 1021-5E

170 South 500 East

Agreement: Natural Buttes WS MV API No: 43-047-37468

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Charlie Sharp	Office: 435-781-4486	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
After Hours Contact Number: 435-	-781-4513	Fax: 435-781-4410	

### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

		O III TOTAL REGIONALITA
Location Construction (Notify Holly Villa)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Holly Villa)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90)

days.

COAs: Page 2 of 7 Well: NBU 1021-5E

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

1. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt. The following interim seed mixture shall be used:

	Type	lbs./acre			
Needle and Threadgrass	Stipa comata	4			
Crested Wheatgrass	Agropyron cristatum	4			
Indian Ricegrass	Stipa hymenoides	4			
** Seed shall be drilled; but if broadcasted double the pounds per acre					
used and work the solids mechanically to cover the seed.					

- 2. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- 3. A Paleontologist acceptable to the BLM will monitor construction activity for surface disturbing activities described in the APD. If paleontologic resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan.
- 4. The lessee/operator is given notice that lands in the lease have been identified as containing crucial pronghorn (antelope) habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through June 20. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if pronghorn are in the area.
- 5. The lessee/operator is given notice that lands in the lease have been identified as containing golden eagle habitat. There is a nest located 0.35 miles to the SE of the location. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from February 1st through July 15<sup>th</sup>. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if golden eagles are in the area.
- 6. Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding. The seed mixture for final reclamation will be determined at that time.

COAs: Page 3 of 7 Well: NBU 1021-5E

7. Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.

COAs: Page 4 of 7 Well: NBU 1021-5E

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. Surface casing cement shall be brought up to the surface. To reach the surface, operator is required to pump additional cement beyond the stated amounts of sacks in application.
- 2. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe.

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

COAs: Page 5 of 7 Well: NBU 1021-5E

6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

COAs: Page 6 of 7 Well: NBU 1021-5E

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than

COAs: Page 7 of 7 Well: NBU 1021-5E

Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

- 15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3 150-5 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No. UTU-01791

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

apandoned well.	Use Form 3100-3 (AP	ט) for such proposals.			
SUBMIT IN TRIPLI	CATE – Other inst	ructions on reverse	side	7. If Unit or CA	/Agreement, Name and/or No.
1. Type of Well				NATURAL B	UTTES UNIT
Oil Well X Gas Well	Other			8. Well Name a	nd No.
2. Name of Operator				NBU 1021-60	
KERR McGEE OIL AND GAS	ONSHORE LP			9. API Well No.	•
3a. Address		3b. Phone No. (include	area code)	4304737968	
1368 SOUTH 1200 EAST VER	NAL, UT 84078	435-781-7003		10. Field and Poo	ol, or Exploratory Area
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description,	)		NATURAL B	UTTES UNIT
460' FNL, 1872' FWL				11. County or Pa	rish, State
NENW, SEC 6-T10S-R21E, LC	)T 3			UINTAH, UT	AH
12. CHECK A	PPROPRIATE BOX(ES)	TO INDICATE NATURE	OF NOTICE, R	EPORT, OR OTH	ER DATA
TYPE OF SUBMISSION		TY	PE OF ACTIO	N	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production Reclamation	n (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplet		Other APD EXTENSION DOGM
Time! About amount Notice	Change Plans	Plug and Abandon	Water Dis	ily Abandon	
Final Abandonment Notice	Convert to Injection	Plug Back	W ater Dis	posai	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

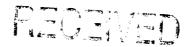
Utah Division of Oil, Gas and Mining

3-2277 Date: <u>03</u> -	MAR 2 1 2007
14. I hereby certify that the foregoing is true and correct	DIV. OF OIL, GAS & WINNING
Name (Printed/Typed)  RAMEY HOOPES	REGULATORY CLERK
Signature Ramus CODUA De	March 15, 2007
THIS SPACE FOR	FEDERAL OR STATE USE
Approved by	Title Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant of certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon.	Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4304737968  Well Name: NBU 1021-6C  Location: NENW, SEC 6-T10S-R21E  Company Permit Issued to: KERR MCGEE OIL AND GAS ONS  Date Original Permit Issued: 4/6/2006	HORE LP
The undersigned as owner with legal rights to drill on the propabove, hereby verifies that the information as submitted in the approved application to drill, remains valid and does not require	previously
Following is a checklist of some items related to the applicatio verified.	n, which should be
If located on private land, has the ownership changed, if so, has agreement been updated? Yes □ No ☑	as the surface
Have any wells been drilled in the vicinity of the proposed well the spacing or siting requirements for this location? Yes□ No.	
Has there been any unit or other agreements put in place that permitting or operation of this proposed well? Yes□No ☑	could affect the
Have there been any changes to the access route including over of-way, which could affect the proposed location? Yes□No ☑	
Has the approved source of water for drilling changed? Yes□	No₪
Have there been any physical changes to the surface location which will require a change in plans from what was discussed evaluation? Yes□No☑	
Is bonding still in place, which covers this proposed well? Yes	⊠No□
Signature 3/15/200	Date
Title: Regulatory Clerk	RECEIVED
	MAR 2 1 2007
Representing: Kerr McGee Oil & Gas Onshore LP	DIV. OF OIL, GAS & MINING



## MM 24 APR 17 2006

Form 3160-3 (August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

UTU-01791

APPLICATION FOR PERMIT TO DRILL OR REENTER

AFF LICATION FOR FEMALES	O DIVILLO	77.77.			
1a. Type of Work X DRILL II	7. If Unit or CA Agreer	nent, Name and No.			
Ta. Type of Work S. Divide	REENTER			NATURAL BUTTE	S UNIT
				8. Lease Name and Wel	ll No.
b. Type of Well: Oil Well X Gas Well Other		Single Zone	Multiple Zone	NBU 1021-6C	
2. Name of Operator				9 API Well No.	raid
KERR MCGEE OIL AND GAS ONSHORE LP				43104112	10100
3A. Address	I	No. (include area co	rle)	10. Field and Pool, or E.	,
1368 SOUTH 1200 EAST VERNAL, UT 84078	(435) 78			NATURAL BUTTE	
4. Location of Well (Report location clearly and in accordance w		quirements.*)		11. Sec., T., R., M., or E	and Survey or Area
At surface NENW LOT 3, 460'FNL, 1872'FV	٧L			CEC 6 T100 D21	=
At proposed prod. Zone				SEC 6, T10S, R211	= 13. State
14. Distance in miles and direction from nearest town or post offi	e <b>™</b>			UINTAH	UTAH
12 MILES SOUTHEAST OF OURAY, UTAH  5. Distance from proposed*	16 No of	Acres in lease	17 Spacing Uni	t dedicated to this well	1017
location to nearest	10. No. 01	Acres in lease	17. Spacing Oil	t dealerted to this work	
property or lease line, ft. 460 (Also to nearest drig, unit line, if any)	2163.61		40.00		
8 Distance from proposed location*	19 Proposi	ed Depth	20. BLM/BIA B	ond No. on file	
to nearest well, drilling, completed, applied for, on this lease, ft.  TOPO C	9920'	·	G <del>O-1203</del> ,	11/2 000 201	
			V	VXBOOD 291	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)		cimate date work wil	I start*	23. Estimated duration TO BE DETERMIN	ED
4964'GL			··-	TO BE BETERWIN	
	24. /	Attachments			
The following, completed in accordance with the requirements of	Onshore Oil and	d Gas Order No. 1, s	hall be attached to	this form:	
1. Well plat certified by a registered surveyor.		4. Bond to co	er the operation	s unless covered by an existing	g bond on file (see
2. A Drilling Plan.		Item 20 abo	ve).		
3. A Surface Use Plan (if the location is on National Forest System	n Lands, the	5. Operator cer	tification.		
SUPO shall be filed with the appropriate Forest Service Office.		6. Such other s	ite specific inforn	nation and/or plans as may be i	required by the
Set o share of the share specific		authorized o			
	. Na	me (Printed/Typed)		. Da	te
25. Signature	<b>I</b>	MEY HOOPE	s		4/13/2006
Title	-107				
REGULATORY CLERK					
Approved by (Signature)	! Na	me (Printed/Typed)		! Da	·-
The same of the sa		FERRY LE	VCZKA	1	16.2007
Title Assistant Field Manager	Off				
Lands & Mineral Resources	!				
Application approval does not warrant or certify that the applicant	holds legal or e	equitable title to thos	e rights in the sul	pject lease which would entitle	the applicant to conduc
Approximation and the second s					مديداع لانميلا جاسج

\*(Instructions on reverse)

06BMU919A

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United



JUL 1 9 2007



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr-McGee Oil & Gas Onshore, LP

Location:

Lot 3, Sec 6, T10S, R21E

Well No:

NBU 1021-6C

Lease No:

UTU-01791 Natural Buttes Unit

API No: 43-047-37968

Agreement:

Title	Name	Office Phone Number	<b>Cell Phone Number</b>
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:	Paul Buhler	(435) 781-4475	(435) 828-4029
NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:	Chuck MacDonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Jannice Cutler	(435) 781-3400	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	

Fax: (435) 781-4410

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction	-	Forty-Eight (48) hours prior to construction of location and
(Notify Environmental Scientist)		access roads.
Location Completion	-	Prior to moving on the drilling rig.
(Notify Environmental Scientist)		
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

COAs: Page 2 of 7 Well: NBU 1021-6C

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### Surface COAs:

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

#### Site Specific COAs:

- The lessee/operator is given notice that lands in the lease have been identified as containing crucial pronghorn. (antelope) habitat. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through June 20. A survey may be conducted by a qualified biologist or a BLM representative during this timing period to determine if pronghorn are in the area.
- Four to six inches of topsoil shall be stripped from the location and windrowed as shown on the cut sheet. The topsoil shall then be broadcast seeded with the recommended seed mix immediately after it has been windrowed and the seed walked into the soil with a dozer.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be re-contoured to natural contours, topsoil
  re-spread where appropriate, and the entire location seeded with the recommended seed mix.
  Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer
  immediately after the dirt work is completed.

COAs: Page 3 of 7 Well: NBU 1021-6C

#### **DOWNHOLE CONDITIONS OF APPROVAL (COAs)**

#### **SITE SPECIFIC DOWNHOLE COAs:**

A variance is granted for O.O. #2 III. E. 1.

- o The blooie line shall be straight or have targeted tees for bends in the line.
- o An automatic igniter or continuous pilot on the blooie line not required.
- o If a mist system is used, the requirement for a deduster shall be waived.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

COAs: Page 4 of 7 Well: NBU 1021-6C

• The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office
  on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
  completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 5 of 7 Well: NBU 1021-6C

#### **OPERATING REQUIREMENT REMINDERS:**

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
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COAs: Page 6 of 7 Well: NBU 1021-6C

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  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 7 of 7 Well: NBU 1021-6C

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3160-5 (August, 2007)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137

Expires: July 31, 2010

	TICES AND RE			1	UTU-01791
	form for proposals			<ol><li>If Indian, Allotte</li></ol>	
	Use Form 3160-3 (/			7 7611-2 64	NA
SUBMIT IN TRIPL	ICATE - Other Ins	structions on reve	rse side.		greement Name and/or No.
1. Type of Well					ral Buttes Unit
Oil Well X Gas Well Other	г			8. Well Name and	No.
2. Name of Operator				NBU	1021-6C
Kerr-McGee Oil & Gas Onshore, LP				9. API Well No.	
3a, Address		3b. Phone No. (include	area code)	43	3-047-37968
1099 18th St. Suite 1200 Denve	r, CO 80202	720.929	.6226	10. Field and Pool	, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Sur	vey Description)			N	atural Buttes
NE NW Sec. 6 T 10	OS R 21E			11. County or Pari	sh, State
460 FNL 1872 FWL	L	at 39.983089 Lo	n -109.598158		Uintah
12. CHECK APPROPRIATE BO	X(S) TO INDICAT	E NATURE OF N	OTICE, REPOR	T, OR OTHER	DATA
TYPE OF SUBMISSION		TYP	E OF ACTION		
X Notice of Intent Acid	lize	Deepen	Production ( St	art/ Resume)	Water Shut-off
Alte	ring Casing	Fracture Treat	Reclamation		Well Integrity
Subsequent Report Casi	ing Repair	New Construction	Recomplete		X Other
Char	nge Plans	Plug and abandon	Temporarily Al	bandon	APD Extension
Final Abandonment Notice Com	vert to Injection	Plug back	Water Disposal	I	
'13. Describe Proposed or Completed Operation (clear If the proposal is to deepen directionally or recomp Attach the Bond under which the work will perfor	plete horizontally, give sul	bsurface locations and me	asured and true vertice	cal depths or pertine	nt markers and sands.

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Kerr-McGee Oil & Gas Onshore, LP respectfully requests a one year extension for NBU 1021-6C, so that drilling operations may be completed. The original Apply வரு முற்ற நிரும் முற்ற நிரும் முற்ற முற்ற முற்ற முறிய முற்ற முற முற்ற the Utah Division of Oil, Gas, and Mining on 4/6/2006. Utah Division of Oil, Gas and Mining

COPT SENT TO OPERATOR		
Date: 4.2.2008		Date: 04-01-05
Initials: <u>KS</u>		By: Bralleffll
14. I hereby certify that the foregoing is true and correct.  Name (Printed/ Typed)	-	W
Kevin McIntyre	Title	Regulatory Analyst
Signature K	Date	3/28/08
THIS SPACE FOR FEDI	ERAL OR STA	TE OFFICE USE
Approved by	Title	Date
Conditions of approval, if any are attached. Approval of this notice does not warrant of certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	г	

Title 18 U.S.C. Section 1001 AND Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

MAR 3 1 2008



(this form should accompany the Sundry Notice requesting permit extension)

Well Name: NBU 1021-6C Location: NENW, Sec. 6, T 10S R 21E
Company Permit Issued to: Kerr-McGee Oil & Gas Onshore, LP  Date Original Permit Issued: 4/6/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes⊡No☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes⊡No☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right- of-way, which could affect the proposed location? Yes□No☑
Has the approved source of water for drilling changed? Yes□No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
s bonding still in place, which covers this proposed well? Yes ☑ No ☐
3/28/2008
Signature Date
Title: Regulatory Analyst I
Representing: Kerr-McGee Oil & Gas Onshore, LP

RECEIVED MAR 3 1 2008



GARY R. HERBERT
Lieutenant Governor

### State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 24, 2009

Raleen White Anadarko Petroleum Corp. PO Box 173779 Denver, CO 80217-3779 43 047 37968 NBU 1021-6G 10S 21E 6

Re: APDs Rescinded at the request of Anadarko Petroleum Corp.

Dear Ms. White:

Enclosed find the list of APDs that you requested to be rescinded to Anadarko Petroleum Corp. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded, effective February 20, 2009.

A new APD must be filed with this office for approval <u>prior</u> to the commencement of any future work on the subject locations.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason

Environmental Scientist

cc: Well File

Bureau of Land Management, Vernal

SITLA, Ed Bonner



43047395730000	FEDERAL 1021-23P	10S	21E	23	SESE
43047395770000	FEDERAL 1021-251	10S	21E	25	NESE
43047395760000	FEDERAL 1021-25M	108	21E	25	SWSW
43047397930000	Federal 1021-25N	10S	21E	25	SESW
43047395810000	FEDERAL 1021-34K	10S	21E	34	NESW
43047395520000	FEDERAL 1021-34M	10S	21E	34	SWSW
43047395560000	FEDERAL 1021-34P	10S	21E	34	SESE
43047389890000	FEDERAL 1021-35F	10S	21E	35	SENW
43047389760000	FEDERAL 1021-35G	10S	21E	35	SWNE
43047389380000	FEDERAL 1021-35H	10\$	21E	35	SENE
43047389350000	FEDERAL 1021-35I	10S	21E	35	NESE
43047389330000	FEDERAL 1021-35P	10S	21E	35	SESE
43047389370000	FEDERAL1021-35A	10S	21E	35	NENE
43047365050000	LOVE 1121-2B	118	21E	02	NWNE
43047394050000	LOVE UNIT 1121-10NT	11S	21E	10	SESW
43047393910000	LOVE UNIT 1121-3NT	11S	21E	03	swsw
43047388240000	LOVE UNIT 1122-18C	11S	22E	18	NENW
43047388250000	LOVE UNIT 1122-18J	118	22E	18	NWSE
43047388260000	LOVE UNIT 1122-18K	11S	22E	18	NESW
43047396050000	LOVE UNIT 1122-18L	118	22E	18	NWSW
43047396030000	LOVE UNIT 1122-19C	118	22E	19	NENW
43047386310000	MULLIGAN 823-23H	08S	23E	23	SENE
43047387130000	MULLIGAN 823-240	08S	23E	24	SWSE
43047393730000	NBU 1020-1KT	10S	20E	01	NESW
43047393740000	NBU 1020-24BT	10S	20E	24	NWNE
43047393760000	NBU 1021-11I	10S	21E	11	NESE
43047393800000	NBU 1021-11M	10S	21E	-11	SWSW
43047393790000	NBU 1021-11P	10S	21E	11	SESE
4304739383	NBU 1021-12A	108	21E	12	NENE
43047393860000	NBU 1021-12L - STATE	10S	21E	12	NWSW
43047393840000	NBU 1021-12N	10S	21E	12	SESW
43047395470000	NBU 1021-15F	10S	21E	15	SENW
43047395460000	NBU 1021-15L	10S	21E	15	NWSW
43047395630000	NBU 1021-15P	108	21E	15	SESE
43047395260000	NBU 1021-20G STATE/FED	10S	21E	20	SWNE
43047395340000	NBU 1021-20J STATE/FED	10S	21E	20	NWSE
43047395330000	NBU 1021-20K STATE/FED	10S	21E	20	NESW
43047395320000	NBU 1021-20L STATE/FED	10S	21E	20	NWSW
43047395310000	NBU 1021-200 STATE/FED	10S	21E	20	SWSE
43047375280000	NBU 1021-21C (FKA C275)	10S	21E	21	NENW
43047367020000	NBU 1021-21H	10S	21E	21	SENE
43047395500000	NBU 1021-22A	10S	21E	22	NENE
43047394030000	NBU 1021-23FT	10S	22E	23	SENW
43047395600000	NBU 1021-23L	108	21E	23	NWSW
43047395780000	NBU 1021-25F	10S	21E	25	SENW
43047395750000	NBU 1021-25J	10S	21E	25	NWSE
43047395610000	NBU 1021-25K	10S	21E	25	NESW

43047395800000	NBU 1021-26D	10S	21E	26	NWNW
43047395790000	NBU 1021-26E	10S	21E	26	SWNW
43047379680000	NBU 1021-6C	10S	21E	06	NENW LOT 3
43047379670000	NBU 1021-6D	108	21E	06	NWNW LOT 4
43047379410000	NBU 1021-7B	108	21E	07	NWNE
43047401850000	NBU 921-31BT	098	21E	31	NWNE
43047363950000	NBU 921-33K	098	21E	33	NESW
4304740038	HATCH 923-13A	09S	23E	13	NENE
4304740060	HATCH 923-13ED	098	23E	13	SWNW
4304740059	HATCH 923-13O	09S	23E	13	SWSE
4304740061	HATCH 923-14M	098	23E	14	SWSW
4304740143	HATCH 923-14O	098	23E	14	SWSE
4304740064	HATCH 923-15B	098	23E	15	NWNE
4304740062	HATCH 923-15L	09S	23E	15	NWSW
4304740063	HATCH 923-15P	098	23E	15	SESE
4304740065	HATCH 923-240	098	23E	24	SWSE
4304740069	HATCH 923-25A	098	23E	25	NENE
4304740068	HATCH 923-25I	098	23E	25	NESE
4304740070	HATCH 923-25O	098	23E	25	SWSE
43047388010000	FEDERAL 1022-15H	108	22E	15	SENE
4304739388	FEDERAL 1022-15K	108	22E	15	NESW
43047389240000	FEDERAL 1022-15L	10S	22E	15	NWSW

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### United States Department of the Interior



BUREAU OF LAND MANAGEMENT Green River District-Vernal Field Office 170 South 500 East Vernal, UT 84078 (435) 781-4400 Fax: (435) 781-4410 http://www.blm.gov/ut/st/en/fo/vernal.html

IN REPLY REFER TO: 3160 UTG011

August 12, 2009

Raleen White Kerr McGee Oil & Gas Onshore LP PO Box 173779 Denver, CO 80217-3779

43 047 37968

Re: Notice of Expiration
Well No. NBU 1021-6C
Lot 3, Sec. 6, T10S, R21E
Uintah County, Utah

Lease No. 01791

Natural Buttes Unit

Dear Ms. White:

The Application for Permit to Drill (APD) for the above-referenced well was approved on July 16, 2007. This office received an email message from you on February 20, 2009 requesting that the APD approval be rescinded. Since the time of the request, the approval of the referenced application has also expired. If you intend to drill at this location in the future, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

If you have any questions regarding this matter, please contact me at (435) 781-4455.

Sincerely,

Cindy Swessin

Cindy Severson Land Law Examiner

cc: UDOGM

RECEIVED AUG 2 0 2009

DIV. OF OIL, GAS & MINING